



GYPTech

Converting your vision into solid reality

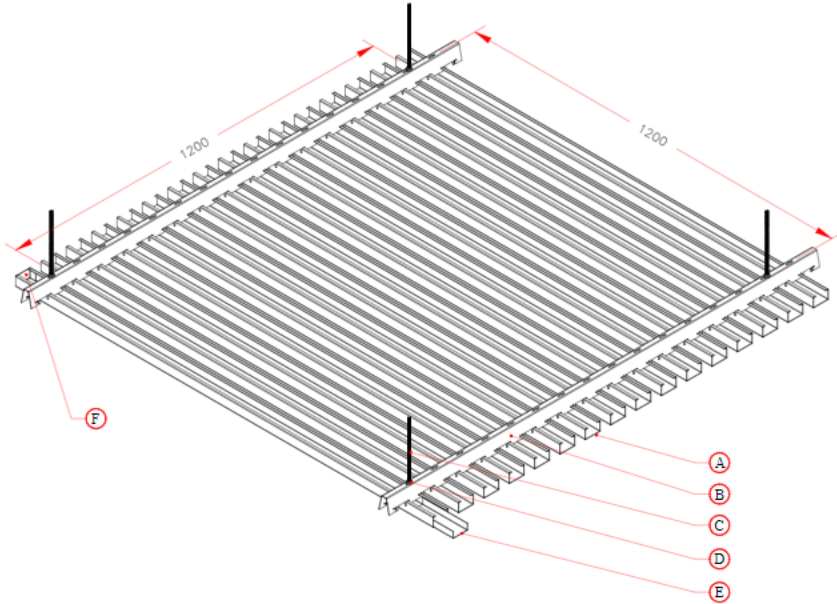
BAFFLE CEILING - FABRIC WRAPPED

Technical Data & Submittal Sheet

ARAMCO VENDOR ID: 10064288
RM 504, 5th FLOOR, SEHAMIA TOWER
PRINCE SULTAN, QURTOBA DISTRICT
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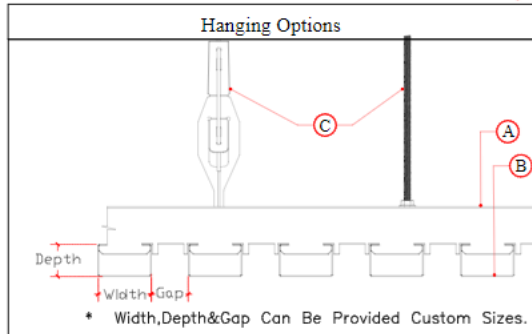
TECHNICAL DRAWING



Elements

- (A) 'U' Baffle Panel
- (B) Carrier
- (C) Threaded Rod M6
- (D) Nut & Washer
- (E) Splicer
- (F) End Cap

Hanging Options

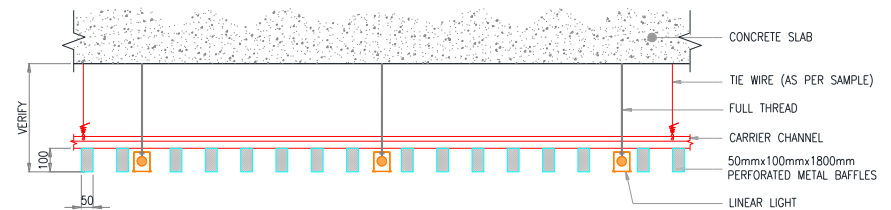


- **Specifications:**
- Metal Baffle Wrapped In Fabric Standard Grid Suspension System
- **Size:** 50 Mm(w)*2400mm(l)*100mm
- The Baffle Will Be Fabric Wrapped In One Of This Available Colors
- Available Space Between Baffles 120 Mm

Available Colors



TYPICAL SECTION AND DETAILS



SPECIFICATIONS

RAW MATERIAL

Aluminium Alloy 3000 series complying with (ASTM B 209M) or
Hot-dipped galvanized steel; complying with ASTM A653; Zinc coating as per requested.

Standard is Z90/G30

SIZES

Length: up to 4000
Width: up to 220
Height: up to 300
Gap size: As per your request.

+ Custom sizes available on request

THICKNESS

Aluminium: 0.5 – 1.0 and
Galvanized Steel: 0.5 – 0.7

SURFACE FINISH

Plain or Perforated
Fabric Wrapped Requested in The Client order

INSULATION

Acoustic Black Fleece; Royalin®; Heat bonded nonwoven and non-flammable sound-absorbent acoustic black felt with surface-burning characteristics for flame-spread index = 5 and smoke-developed index = 25 as per ASTM E84.

COATING

Polyester Coating: (5μ (Back) + 20μ (Face)).
Polyester Powder Coating: (70μ -80μ)

High Performance Coatings like PESDF, PVDF and POLYAMIDE are available upon request.

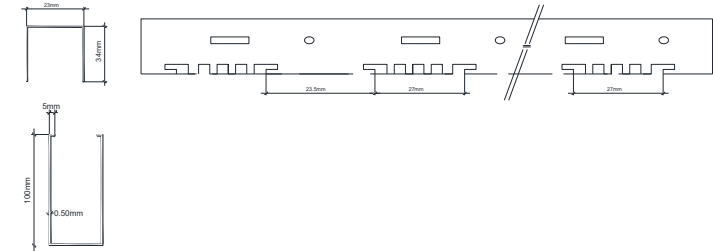
EDGE

Square Edge

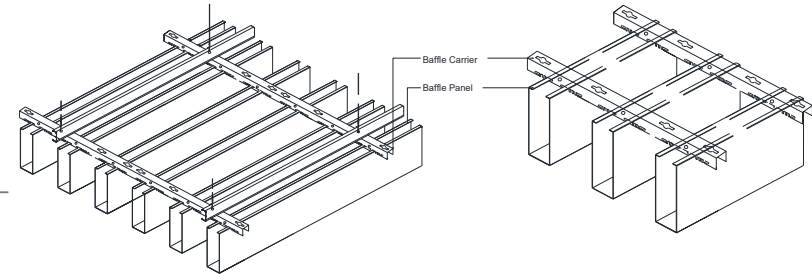
SUSPENSION

Matador® Baffle Carrier

Baffle carriers



Baffle ceiling Fixing Detail



CARRIER CHANNEL 2400mm

ROD HANGER
6mm

ACOUSTIC
BAFFLE 2400
mm

PERFORMANCE



ACOUSTICS

Tested and compliant for noise reduction, sound absorption and sound attenuation.
Acoustic Black Fleece only: Maximum NRC = 0.80 as per ASTM C423.
DNICW = 46 as per BS EN 20140-9.
Acoustic Black Fleece with Rockwool as per ASTM C612 has a maximum NRC = 0.98.
Maximum CAC achieved: 46 db.



ANTI-BACTERIAL

Stove enameled finish with anti-bacterial properties that prohibits bacterial growth as per JIS Z2801:2000



FIRE PERFORMANCE

Non-Combustible as per BS 476: Part 6.
Class 1 Surface Spread of Flame as per BS 476 Part 7.
Black Fleece is Non-Flammable Class A as per ASTM E84.



LIGHT REFLECTANCE

The light reflectance of the ceiling is 0.85 and tested as per ASTM E 1477



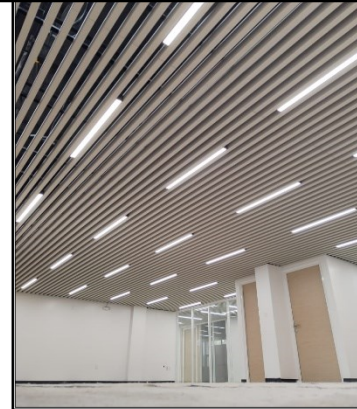
HUMIDITY & COROSION

Humidity Resistance = 95% as per ASTM D2477
Corrosion Resistance as per ASTM B 117-73, salt spray tested for 1000 hours.



LEED

Environmentally friendly material with processes contributing to LEED-NC building requirements

Real Baffle Final Installation Pictures**Different Grey Shade Baffles**